

# Report for Innovation Agile Project Management Workshop – Trends in Technology (2021-2022)

Invitation:



|                     |   |   |
|---------------------|---|---|
| Date                | : | 20.11.2021  |
| Resource Person     | : | Mrs. Magila.C<br>Assistant Professor,<br>Department of BBA (CA)<br>St. Joseph's College of Arts and Science for Women,<br>HOSUR |
| Class               | : | III – BBA (CA)  |
| No of Beneficiaries | : | 46  |

## Report:

Mrs. Magila hosted an insightful workshop on the evolving trends in technology with a focus on Agile Project Management. The session explored the application of Agile methodologies in adapting to fast-paced technological advancements. Students gained insights into iterative project development, collaboration, and flexibility. Mrs. Magila highlighted the importance of embracing agility to enhance project outcomes. In the ever-changing landscape of technology, mastering Agile Project Management is vital for success. This workshop aimed to equip III BBA (CA) students with practical skills and knowledge to navigate dynamic project environments efficiently.





st.joseph's college of arts and science for women  
mookandapalli  
hosur  
tamilnadu

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st.joseph's college of arts and science for women  
mookandapalli  
hosur  
tamilnadu

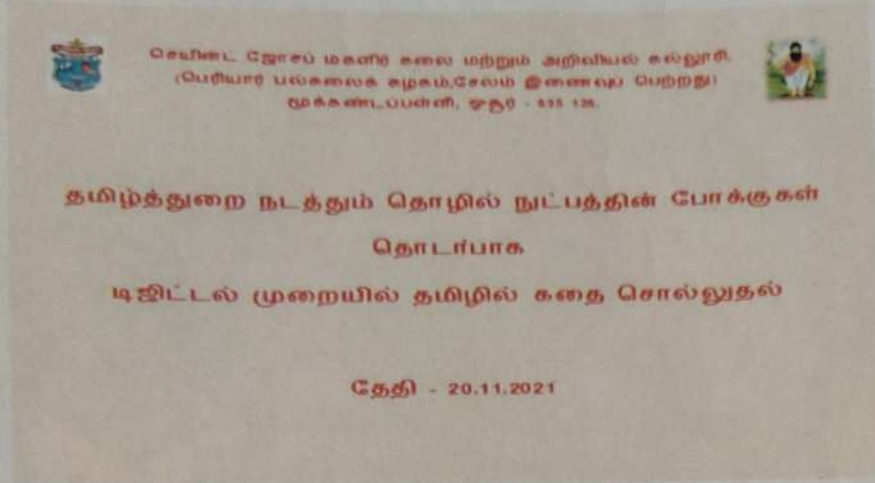
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தொழில் நுட்பத்தின் போக்குகள் - டிஜிட்டல் முறையில்  
தமிழில் கதை சொல்லுதல் - 2021 - 2022  
அழைப்பிதழ்



தேதி

- 20.11.2021

சிறப்புரையாற்றியவர்

- திருமதி. ந.கனிமொழி,  
உதவிப் பேராசிரியர், தமிழ்த்துறை,  
செயின்ட் ஜோசப் மகளிர் கலை  
மற்றும் அறிவியல் கல்லூரி, ஓசூர்.

வகுப்பு

- I B.Sc (Biotechnology)

மாணவிகளின் எண்ணிக்கை - 40

**அறிக்கை**

திருமதி. ந.கனிமொழி, உதவிப் பேராசிரியர், தமிழ்த்துறை, அவர்கள் டிஜிட்டல் மூலம் ஒரு கதையை உருவாக்கும் பொழுது படங்கள், வீடியோக்கள் குரல் பதிவுகள் மற்றும் இசையை ஒரு சிறிய வீடியோவாக அதனுடன் எவ்வாறு இணைப்பது என்பதைப் பற்றி மாணவிகளுக்கு செயல்முறை மூலம் விளக்கி கூறினார்.







# Report on Digital Marketing Strategies : Trends in Technology

Academic year 2021-22

## Invitation



Date : 20.11.2021

Resource person : Mrs. Reena Raj  
Assistant professor  
Department of commerce  
St. Joseph's college of Arts and science for women, Hosur.

Class : I B.COM CA B

No. of Beneficiaries : 50

### Report:

The promotion of brands to interact with potential consumers online and through other digital media is known as online, or digital marketing. This covers text and multimedia messaging as well as social media, web-based, email, and other marketing channels and Mrs. Reena raj, Assistant professor in the Department of Commerce, ameliorate the term digital marketing to the students to help them to understand the important trend in technology in the current scenario, and took initiative to make the students use the digital marketing in the rightway.



Photos:





# Report for Optical Quantum Computing

## Physics (2021-2022)

Invitation:



Date : 20.11.2021

Resource Person : T. SIVAPRIYA

Assistant Professor,

Department of Physics,

St. Joseph's College of Arts and Science for Women,  
Hosur.

Class : III – B.Sc Physics

No of Beneficiaries : 30



### Report:

Mrs. T. Sivapriya, Assistant Professor in the Department of Physics, recently delivered a captivating report on trends in technology, specifically focusing on optical quantum computing. Addressing third-year B.Sc Physics students, Mrs. Sivapriya delved into the exciting realm of quantum computing using optical systems. She elucidated the principles of quantum optics and how they are harnessed for computation. The report emphasized advancements in quantum information processing through photon manipulation, promising faster and more efficient computing paradigms. Students gained insights into the evolving landscape of optical quantum computing, appreciating its potential to revolutionize classical computing methods in the field of physics and beyond.

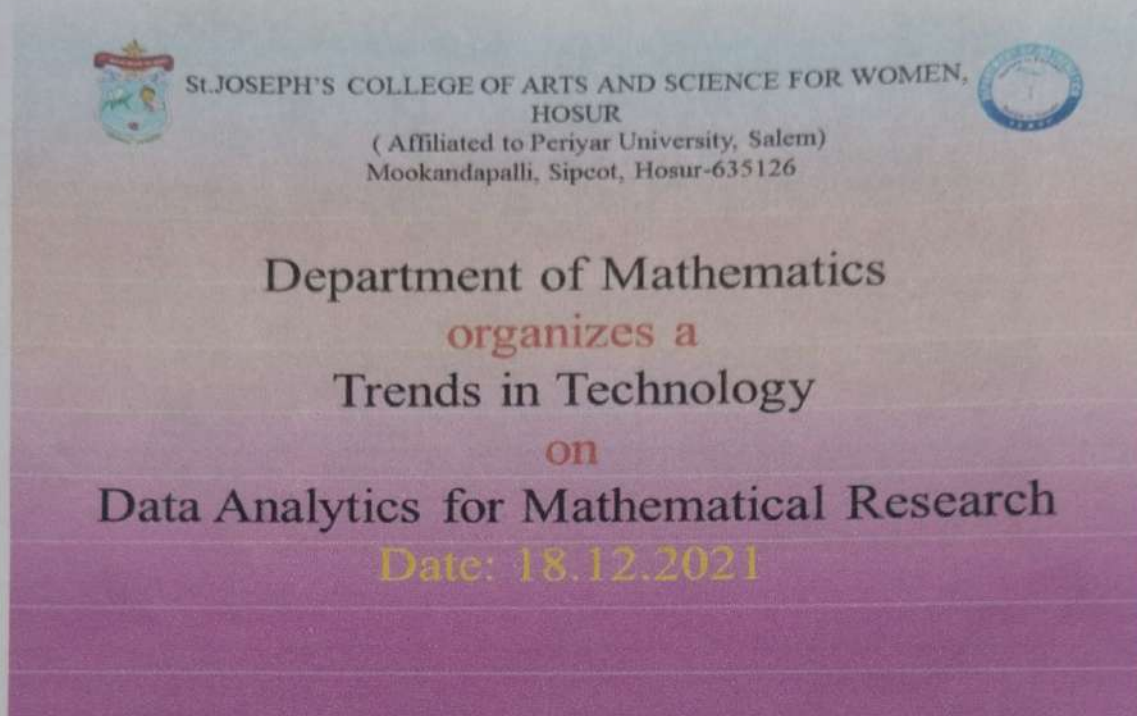
### Photos:





# Report for Data Analytics for Mathematical Research- Trends in Technology (2021-2022)

## Invitation:



Date : 18.12.2021

Resource Person : Mrs. B.K.Jaleesha,  
Assistant Professor,  
Department of Mathematics,  
St. Joseph's College of Arts and Science for  
Women,  
Hosur

Class : III B.Sc (Maths)

No of Beneficiaries : 20

## Report:

Mrs.B.K.Jaleesha, Assistant Professor in the Department of Mathematics presented the Trends in Technology on Data Analytics for Mathematical Research for III B.Sc Maths students .She discussed the potential impact of incorporating data analytics in advancing mathematical research and also the potential transformative impact of integrating data analytics in mathematical research, including advancements in areas like cryptography, optimization problems and ends with theoretical research .and future research directions in this domain.





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2/481-2, Hosur, Tamil Nadu 635126, India  
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Long 77.806274°  
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GPS Map Camera



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2/481-2, Hosur, Tamil Nadu 635126, India  
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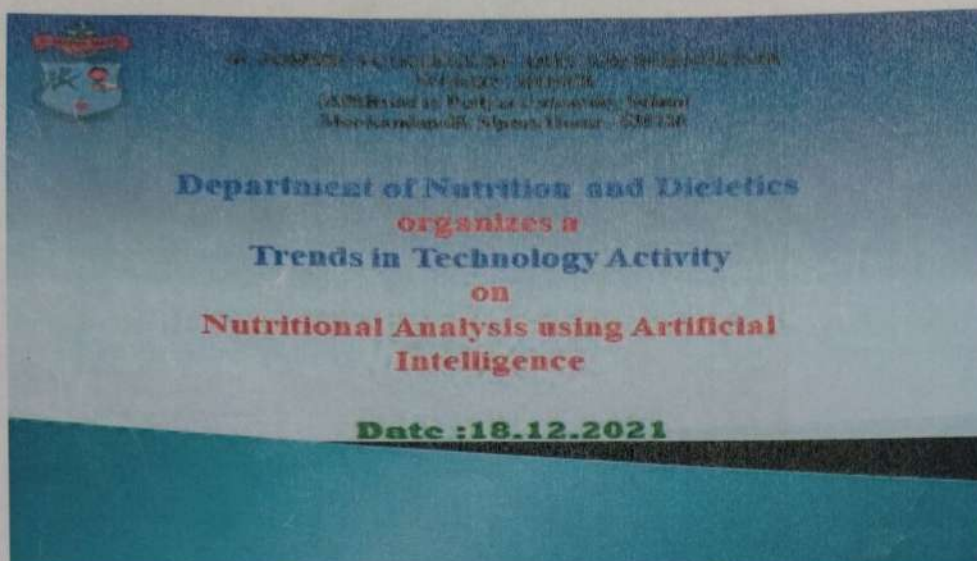
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# REPORT FOR WORKSHOP ON NUTRITIONAL ANALYSIS USING ARTIFICIAL INTELLIGENCE – TRENDS IN TECHNOLOGY (2021-2022)

Invitation:



Date : 18.12.2021

Resource Person : Mrs.R.Prailin

Assistant Professor,

Department of Nutrition and Dietetics,

St.Joseph's College of Arts and Science for Women, Hosur.

Class : I B.Sc Nutrition and Dietetics

No. of Beneficiaries : 14

Report:

Department of Nutrition and Dietetics organized trends in technology workshop on nutritional analysis using artificial intelligence. Mrs.R.Prailin, Assistant Professor, Department of Nutrition and Dietetics was the resource person of the workshop. The Nutritional Analysis Using Artificial Intelligence Workshop showcased the transformative potential of AI in assessing dietary patterns and promoting informed nutrition choices. Through cutting-edge demonstrations and hands-on exercises, participants explored AI-driven tools for analysing food compositions and their impact on health. The workshop highlighted AI's role in personalized nutrition, offering insights into individualized dietary recommendations based on data analysis. Students gained an understanding of leveraging AI to optimize nutritional intake, catering to diverse needs and preferences. The workshop's innovative approach empowered participants to embrace technology for making smarter, science-backed nutritional decisions, paving the way for healthier lifestyles.



Photos:

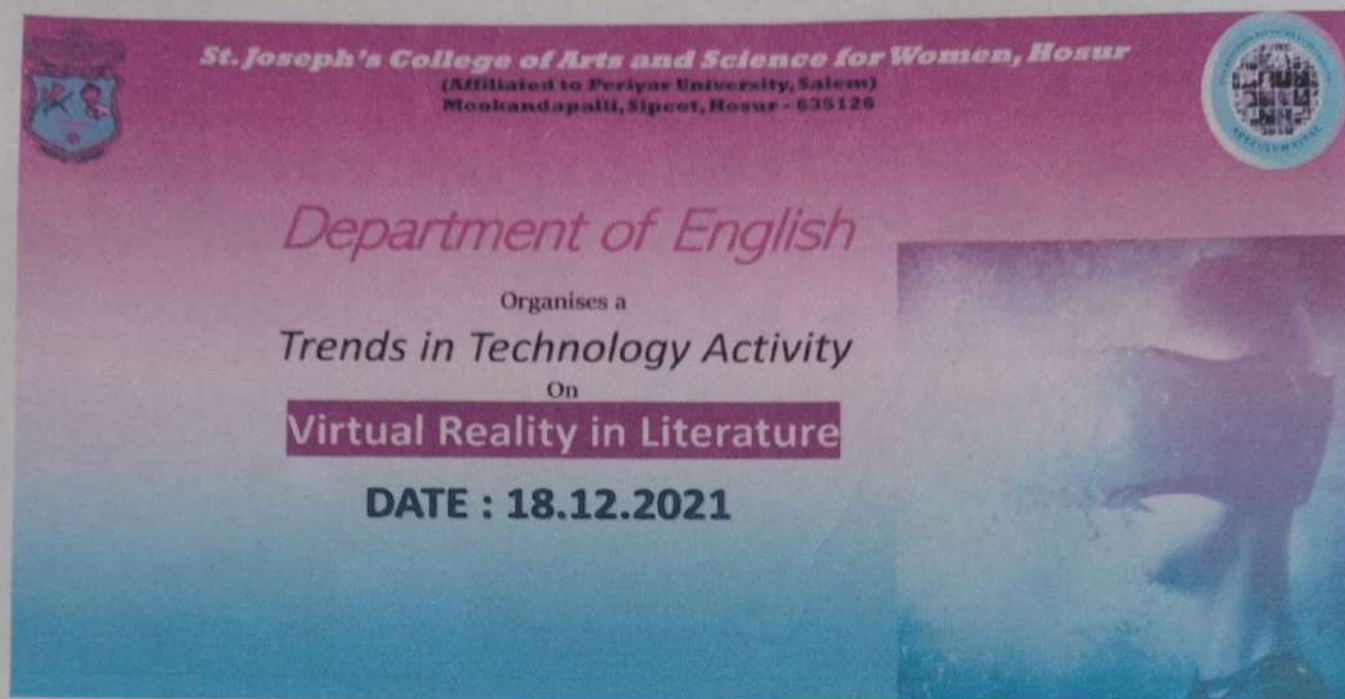




# Report for Trends in Technology

## Virtual Reality in Literature - (2021-2022)

### Invitation:



Date : 18.12.2021

Resource Person : Dr. L. Jenniffer  
Assistant Professor,  
Department of English,  
St. Joseph's College of Arts and Science for Women,  
Hosur

Class : II B.A (English)

No of Beneficiaries : 25

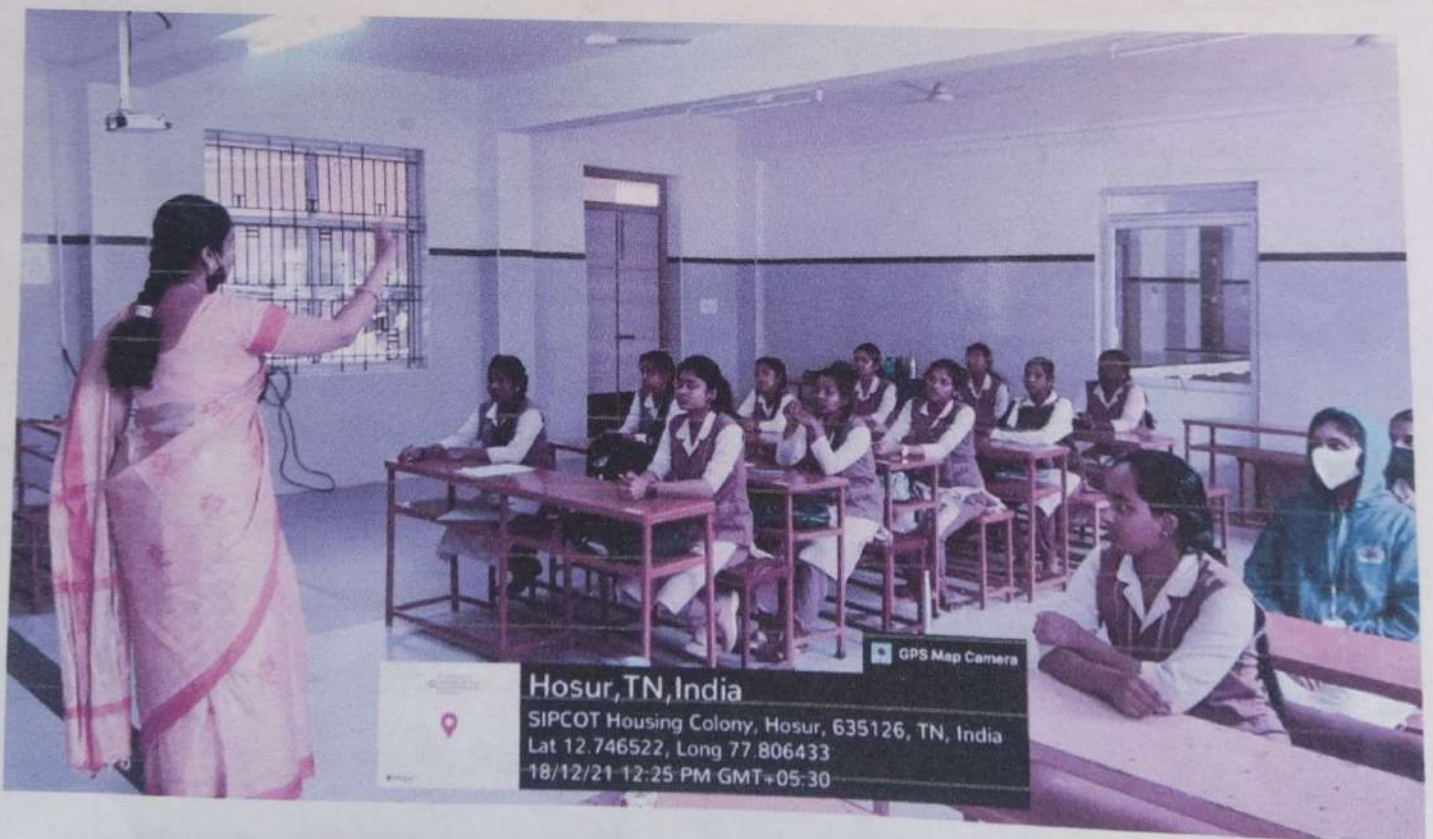
### Report:

Dr. L. Jenniffer has successfully conducted sessions on The Virtual Reality in Literature Trends in Technology for II B.A English. The Session, delved into the intersection of technology and literature, exploring the immersive world of virtual reality (VR) and its impact on storytelling. The session featured a distinguished resource person who shared expertise, insights, and practical demonstrations on the use of VR in literature. She actively engaged with participants during practical demonstrations, providing guidance on the potential of VR in enhancing storytelling. Her contribution added a futuristic dimension to the session, sparking the imagination of participants regarding the possibilities of immersive literary experiences. The Virtual Reality in Literature Session, successfully transported participants into the realm where technology and





literature converge. The combination of theoretical understanding, live demonstrations, and hands-on experiences contributed to a dynamic learning environment, sparking creativity and dialogue about the evolving landscape of storytelling in the digital age.





# Report for Chemical Biology and Bioorthogonal Chemistry-Tends in Technology (2021-2022)

## Invitation:



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR  
WOMEN, HOSUR  
(Affiliated to Periyar University, Salem)  
Mookandapalli, Sipcot, Hosur - 635126



**Department of chemistry**  
**organizes a**  
**Trends in Technology**  
**on**  
**Chemical biology & Bioorthogonal**  
**Chemistry**

**Date : 18.12.2021**

Date : 18.12.2021

Resource Person : Mrs. Ramya  
Assistant Professor,  
Department of Biotechnology,  
St. Joseph's College of Arts and Science for Women,  
Hosur

Class : III – B.Sc Chemistry

No of Beneficiaries : 39

## Report:

Mrs. Ramya, Assistant Professor in the Department of Biotechnology, offers a comprehensive report on the dynamic landscape of Chemical Biology & Bioorthogonal Chemistry. The report showcases advancements in bioconjugation, selective labeling techniques, and innovative probes for biological systems. It emphasizes technology's role in elucidating complex biological processes and enabling precise manipulation at the molecular level. Addressing III B.Sc Chemistry students, this report aims to elucidate how technology integration is revolutionizing interdisciplinary approaches, empowering novel insights into biological systems and fostering breakthroughs in targeted therapeutics and diagnostics.

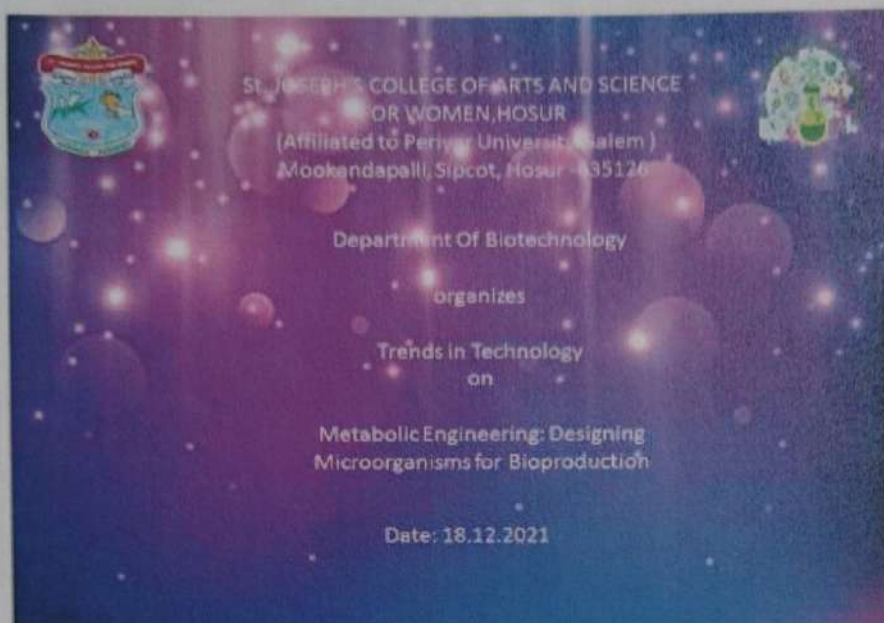


Photos:





**REPORT FOR METABOLIC ENGINEERING: DESIGNING MICROORGANISM FOR BIOPRODUCTION ON TRENDS IN TECHNOLOGY ON 2021-2022**



Date : 18.12.2021

Resource Person : Mrs. A. Margret Kanimozhi,  
Head and Assistant Professor,  
Department of Biotechnology,  
St. Joseph's College of Arts and Science for Women,  
Hosur.

Class : III- B.Sc .Biotechnology

No of Beneficiaries : 33

**Report**

The department of biotechnology organized a designing microorganism for Bioproduction on 18.12.2021. Mrs. A. Margret Kanimozhi, Head & Assistant professor conducted the session she taught to be students the role of microorganism in achieving sustainable and environmentally friendly Bioproduction process. The students are eagerly participated in the discussion of designing microorganism for Bioproduction. This session emphasized the potential of designing of microorganism for bioproduction as a transformative and sustainable approach to meet the growing demands of various industries.

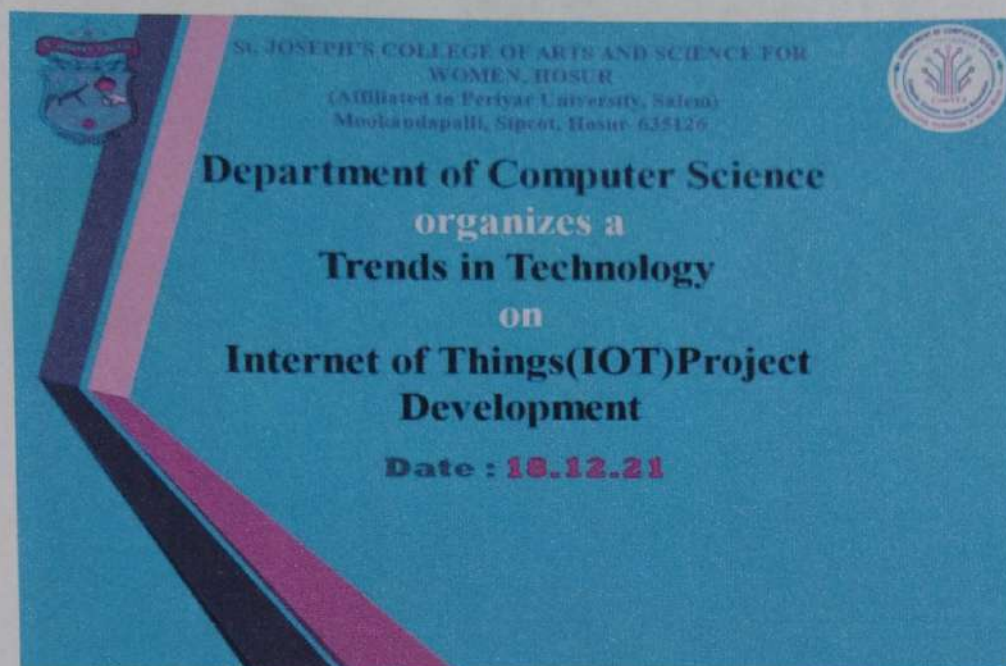






# Report for Internet of Things (IOT) Project Development– Trends In Technology (2021-2022)

## Invitation:



Date :18.12.21

Resource Person : Mrs. Anusha Prem.I  
Assistant Professor  
Department of Computer Science,  
St.Joseph's College of Arts and Science for Women, Hosur

Class : III-BCA

No of Beneficiaries :66

## Report:

Mrs. Anusha Prem.I Assistant Professor in Computer Science presented a forward-looking session on Trends in Technology, focusing on Internet of Things (IoT) Project Development for III BCA students. Delving into the cutting-edge realm of IoT, Mrs. Anusha Prem.I explored the latest trends, applications, and project development methodologies. The session provided hands-on in sights into IoT project implementation, emphasizing its impact on various industries. Students gained practical knowledge, enhancing their understanding of the rapidly evolving technological landscape. Mrs. Anusha Prem.I expertise in the field enriched the students' learning experience, preparing them for the dynamic challenges of IoT development.





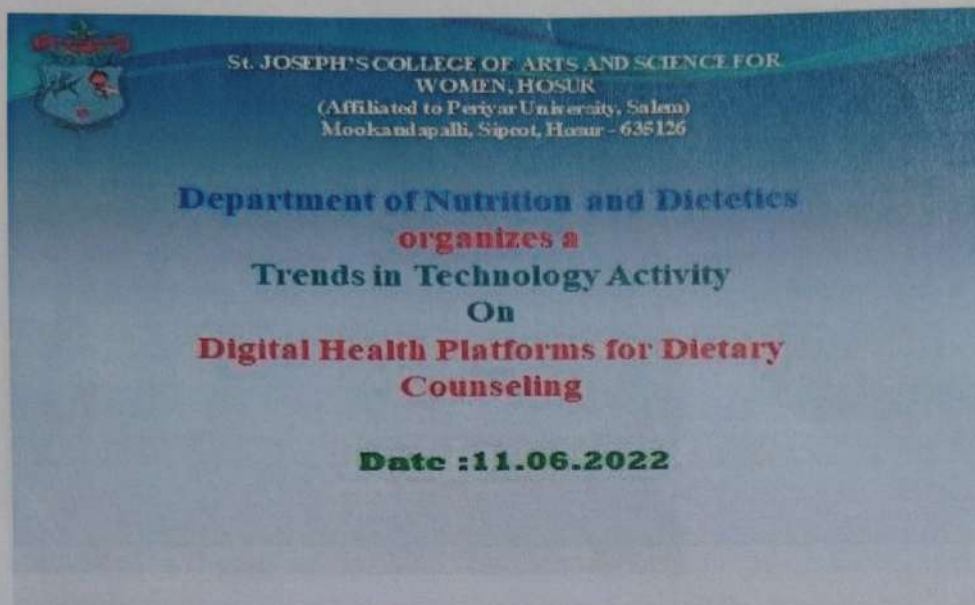
Photos:





## REPORT FOR DIGITAL HEALTH PLATFORMS FOR DIETARY COUNSELING – TRENDS IN TECHNOLOGY (2021-2022)

### Invitation:



Date : 11.06.2022

Resource Person : Mrs.M.Semmalar,  
Assistant Professor,  
Department of Nutrition and Dietetics,  
St. Joseph's College of Arts and Science for Women, Hosur.

Class : III B.Sc Nutrition and Dietetics

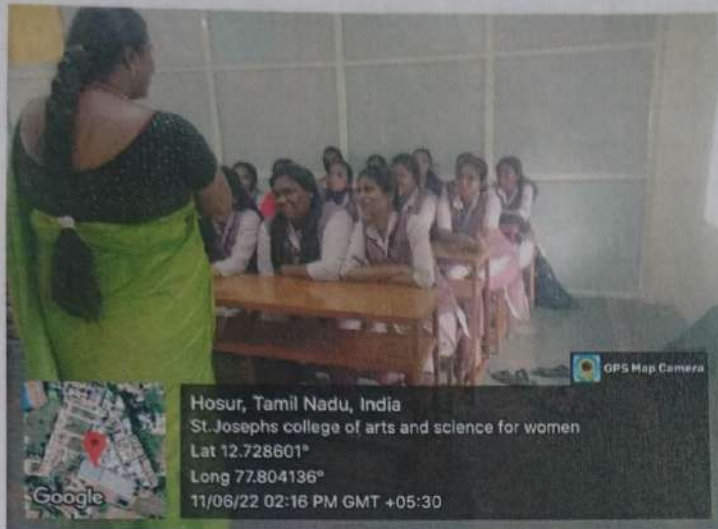
No. of Beneficiaries : 14

### Report:

Department of Nutrition and Dietetics organized Trends in technology workshop on digital health platforms for dietary counseling. Mrs.M.Semmalar, Assistant Professor, Department of Nutrition and Dietetics was the resource person of the workshop. The workshop on Digital Health Platforms for Dietary Counseling elucidated the integration of technology in promoting healthy eating habits. Students explored innovative platforms enabling personalized dietary guidance, leveraging apps, and online tools for effective nutrition counseling. Discussions revolved around leveraging data analytics, AI-driven recommendations, and user-friendly interfaces to enhance dietary adherence. Practical demonstrations showcased interactive features for meal planning, tracking, and virtual consultations, empowering both clients and professionals. The workshop emphasized the role of digital platforms in revolutionizing access to dietary guidance, fostering healthier lifestyles through convenient, tailored, and evidence-based nutritional interventions.

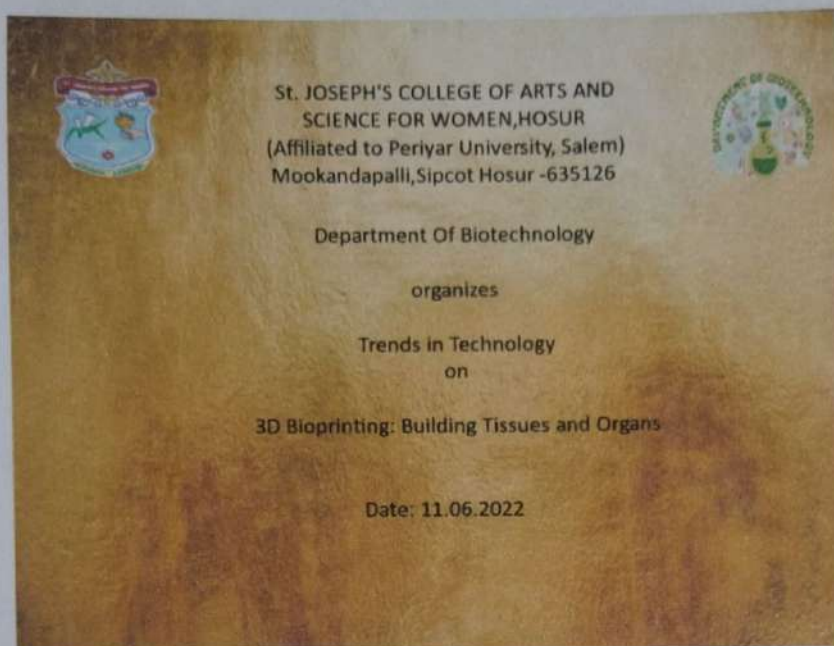


Photos:





**REPORT FOR TRENDS IN TECHNOLOGY ON 3D BIOPRINTING: BUILDING  
TISSUES AND ORGANS (2021-2022)**



Date: : 11.06.2022

Resource Person: : Mrs. A. Margret Kanimozhi  
Head & Assistant professor,  
Department of Biotechnology  
St. Joseph's College of Arts and Science for Women,  
Hosur

Class : III – B.Sc Biotechnology  
No of Beneficiaries : 33

**Report :**

A session on '3D Bioprinting- Building Tissues and Organs' was conducted on the 11th of June 2022 at the Classroom, Department of Biotechnology by Mrs. Margret Kanimozhi. The session was attended by 33 students. The aim of the session is to provide a comprehensive review of the 3D Bioprinting Process along with the different strategies involved in it such as ink-jet printing, extrusion printing, stereolithography and laser assisted bio printing techniques. 3D Bioprinting is a very versatile technique which can be used for printing of complete organs. Mrs. Margret Kanimozhi gave an overview of bioprinting of skin tissue, cardiac tissue, bone and cartilage and to highlight the technological requirements and challenges associated with their bioprinting. She also explained the process of bioprinting of tissues and the direction in which the current research is heading. The students were excited



to know about the trend of bioprinting where it can be used to print tissues and organs to help research drugs and pills.





# Report for Trends in Technology – Quantum Computing Overview (2021-2022)

## Invitation:



Date : 11.06.2022

Resource Person : R Valarpirai  
senior software trainer.  
Apollo computer education, hosur.

Class : III – B.Sc.(CS)

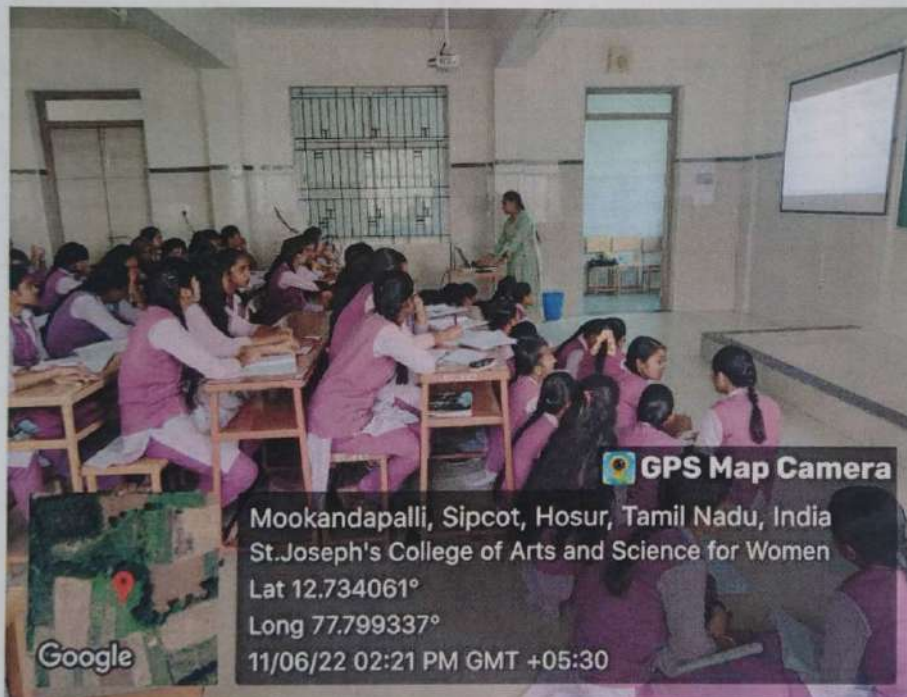
No of Beneficiaries : 34

## Report:

Ms. R. Valarpirai, Senior Software Trainer at Apollo Computer Education, Hosur, delivered an insightful session to III BSc (CS) students on the evolving landscape of Quantum Computing. Covering cutting-edge trends, the session explored the transformative potential of quantum technologies. Valarpirai delved into the principles, applications, and future implications of quantum computing, enlightening students about its disruptive impact on the field of computer science. The session aimed to inspire curiosity and awareness, preparing students for the paradigm shift in technology. Valarpirai's expertise provided students with a glimpse into the forefront of innovation, empowering them to navigate the rapidly advancing world of quantum computing.




Photos:






# Report for Supramolecular Chemistry and Molecular Self Assembly -Trends in Technology (2021-2022)

## Invitation:



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR  
WOMEN, HOSUR  
(Affiliated to Periyar University, Salem)  
Mookandapalli, Sipcot, Hosur - 635126



Department of chemistry  
organizes a  
Trends in Technology  
on  
*Supramolecular Chemistry & Molecular  
Self-Assembly*  
Date : 11.06.2022

Date : 11.06.2022

Resource Person : Mrs.K.Lavanya  
Assistant Professor,  
Department of Chemistry,  
St. Joseph's College of Arts and Science for Women,  
Hosur

Class : III – B.Sc Chemistry

No of Beneficiaries : 39

## Report:

Mrs. Lavanya, Assistant Professor in the Department of Chemistry, presents an insightful report on the burgeoning field of Supramolecular Chemistry & Molecular Self-Assembly. The report highlights advancements in designing functional molecular structures, nanomaterials, and self-assembling systems. It accentuates technology's role in manipulating non-covalent interactions for creating complex architectures and functional materials. Addressing III B.Sc Chemistry students, this report aims to elucidate how technology is reshaping the understanding of molecular organization, offering new avenues for drug delivery, nanotechnology, and materials science, fostering an interdisciplinary approach to chemical research and innovation.



Photos:





# Report for Trends in Technology AI and Language- (2021-2022)

## Invitation:



**St. Joseph's College of Arts and Science for Women, Hosur**

(Affiliated to Periyar University, Salem)  
Mookandapalli, Sipcot, Hosur - 635126



Artificial  
Intelligence

*Department of English*

Organises a

**Trends in Technology Activity**

On

**AI and Language**

**DATE : 11.06.2022**

|                     |   |  |
|---------------------|---|--|
| Date                | : | 11.06.2022   |
| Resource Person     | : | Dr. L. Jenniffer<br>Assistant Professor,<br>Department of English,<br>St. Joseph's College of Arts and Science for Women,<br>Hosur |
| Class               | : | III B.A (English)  |
| No of Beneficiaries | : | 41   |

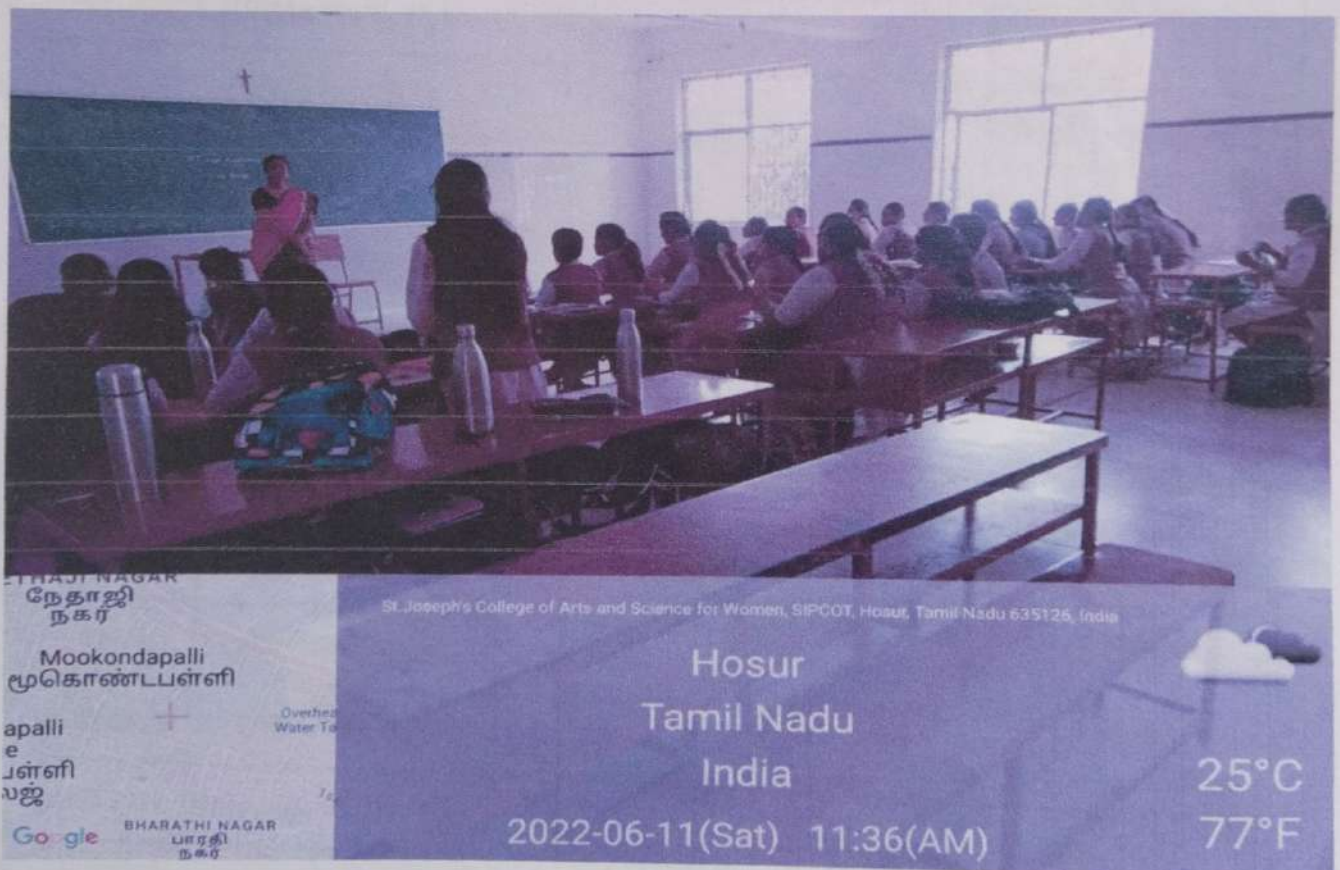
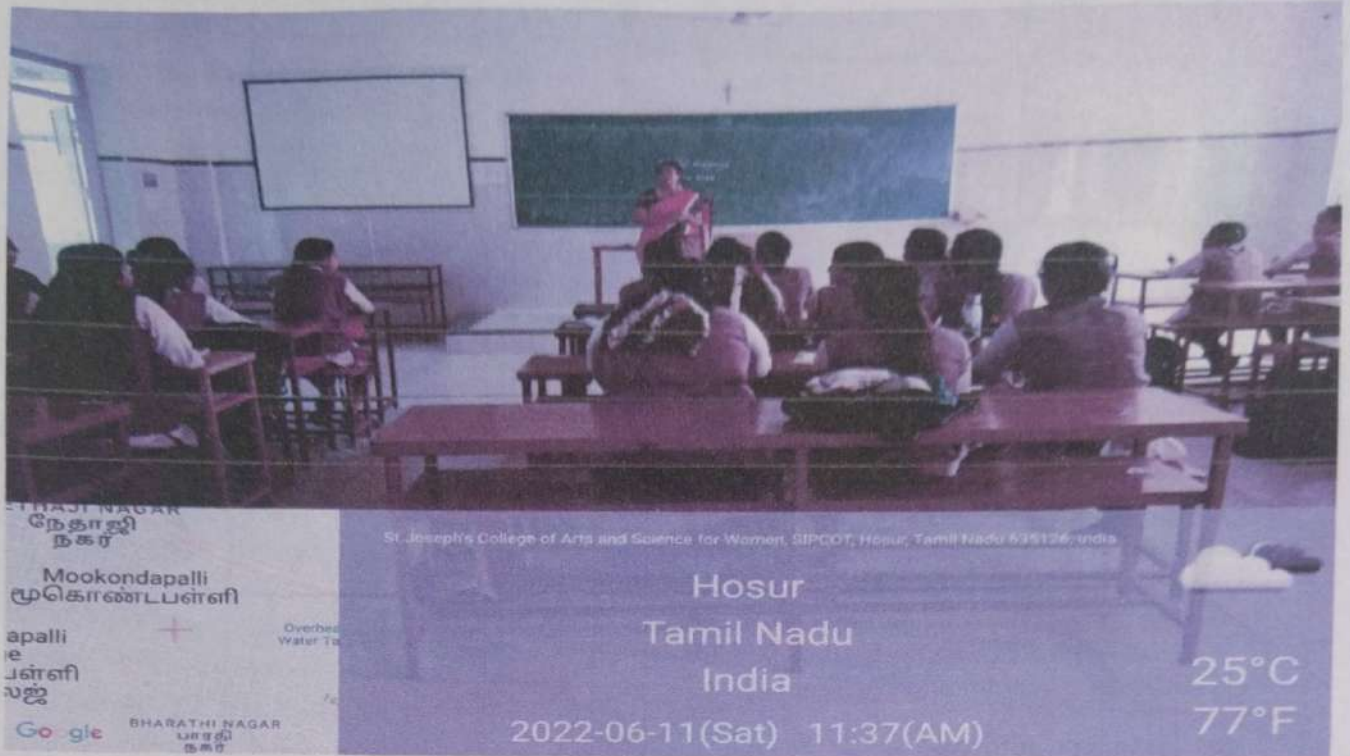
## Report:

Dr. L. Jenniffer, department of English has successfully conducted session on The AI and Language: Trends in Technology - for III B.A English. The Session, delved into the dynamic intersection of Artificial Intelligence (AI) and language processing, exploring the transformative impact of AI on language-related applications. She actively engaged with participants during practical demonstrations, providing guidance on understanding and working with AI-driven language processing tools. Her contribution added a forward-thinking dimension to the session, sparking discussions about the evolving landscape of AI and its impact on linguistic applications. The AI and Language Session, successfully provided participants with a comprehensive exploration of the dynamic relationship between AI and





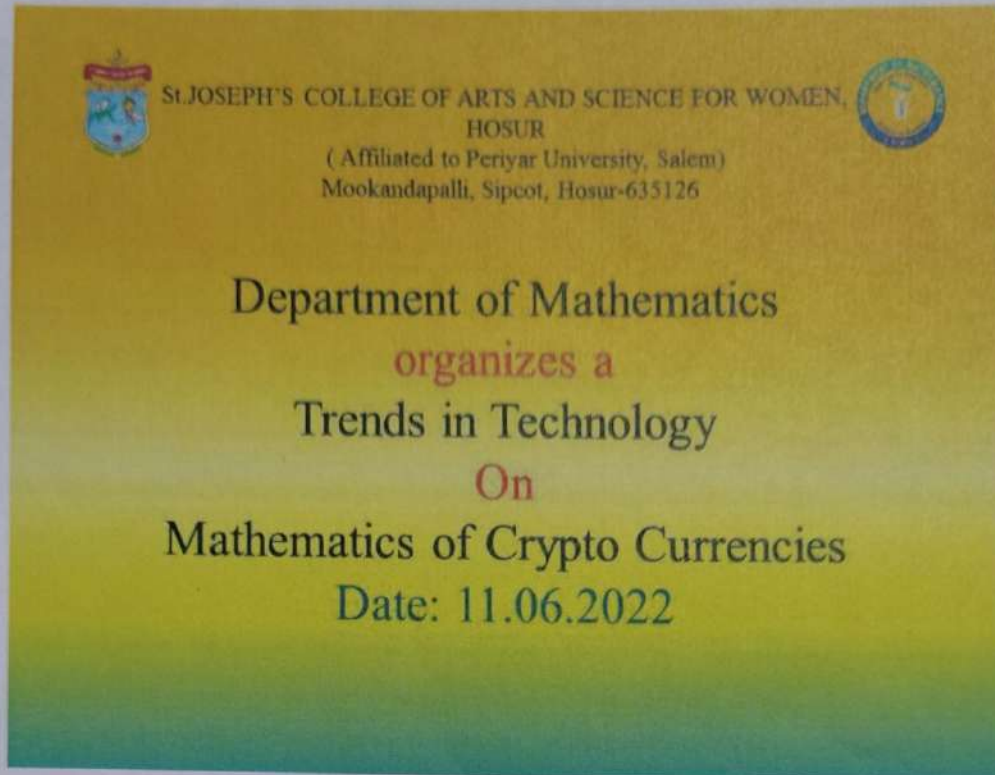
language. The combination of theoretical understanding, real-world examples, and practical demonstrations contributed to a dynamic learning environment, fostering a deeper understanding of the transformative impact of AI in linguistic applications.





# Report for Mathematics for Cryptocurrencies-Trends in Technology (2021-2022)

## Invitation:



Date : 11.06.2022

Resource Person : Mrs.T.Mahalakshmi  
Department of Mathematics,  
St. Joseph's College of Arts and Science for  
Women,  
Hosur

Class : III B.Sc (Maths)

No of Beneficiaries : 20

## Report:

Mrs.T.Mahalakshmi, Assistant Professor in the Department of Mathematics presented the Trends in Technology on Mathematics for Cryptocurrencies III B.Sc Maths students. Her session served as an illuminating exploration into the mathematical principles that govern these digital assets. Through a structured and engaging approach. She elucidated the complex cryptographic algorithms, hashing functions, and decentralized ledger systems that form the backbone of cryptocurrencies like Bitcoin and Ethereum .She also explore the interdisciplinary intersections between mathematics and the dynamic landscape of emerging technologies like cryptocurrencies.





S.Mudugandanahally, Tamil Nadu, India  
JQQM+QH5, S.Mudugandanahally, Tamil Nadu 635110, India  
Lat 12.639448°  
Long 77.78366°  
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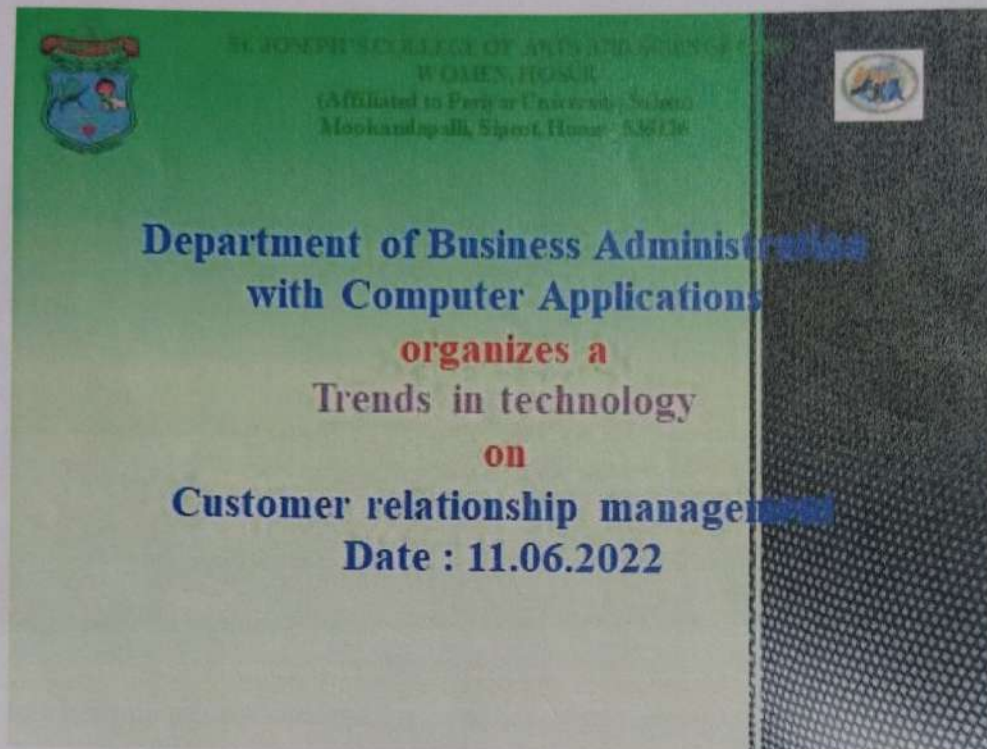
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Long 77.78366°  
11/06/22 09:38 AM GMT +05:30





# Report for Customer Relationship Marketing – Trends in Technology (2021-2022)

## Invitation:



Date : 11.06.2022

Resource Person : Mrs. Magila.C  
Assistant Professor,  
Department of BBA (CA)  
St. Joseph's College of Arts and Science for Women,  
HOSUR

Class : III – BBA (CA)

No of Beneficiaries : 46

## Report:

Mrs. Magila conducted an illuminating session on current technology trends, focusing on Customer Relationship Management (CRM). The discussion explored how advanced technologies like AI and analytics are reshaping CRM strategies, enabling personalized customer experiences. Mrs. Magila emphasized the significance of leveraging data-driven insights to build and maintain strong customer relationships. As future business leaders, understanding these CRM trends is pivotal for adapting to evolving customer expectations. The session aimed to equip III BBA (CA) students with knowledge and skills to navigate the intersection of technology and customer-centric business strategies.





Photos:





தொழில்நுட்பத்தின் போக்குகள் - சமூக ஊடக பகுப்பாய்வில் தமிழ்மொழி

2021-2022

அழைப்பிதழ்



செயின்ட் ஜோசப் மகளிர் கலை மற்றும் அறிவியல் கல்லூரி,  
(பெரியார் பல்கலைக் கழகம், சேலம் இணைவுப் பெற்றது)  
முகக்கண்டப்பள்ளி, ஓதூர் - 635 126.



தமிழ்த்துறை நடத்தும் தொழில்நுட்பத்தின்  
போக்குகள் தொடர்பாக சமூக ஊடக பகுப்பாய்வில்  
தமிழ்மொழி

தேதி - 11.06.2022

தேதி

- 11.06.2022

சிறப்புரையாற்றியவர்

- முனைவர்.பு.எழிலரசி, துறைத்தலைவர்  
உதவிப் பேராசிரியர், தமிழ்த்துறை,  
செயின்ட் ஜோசப் மகளிர் கலை  
மற்றும் அறிவியல் கல்லூரி, ஓதூர்.

வகுப்பு

- II Chemistry

மாணவிகளின்  
எண்ணிக்கை

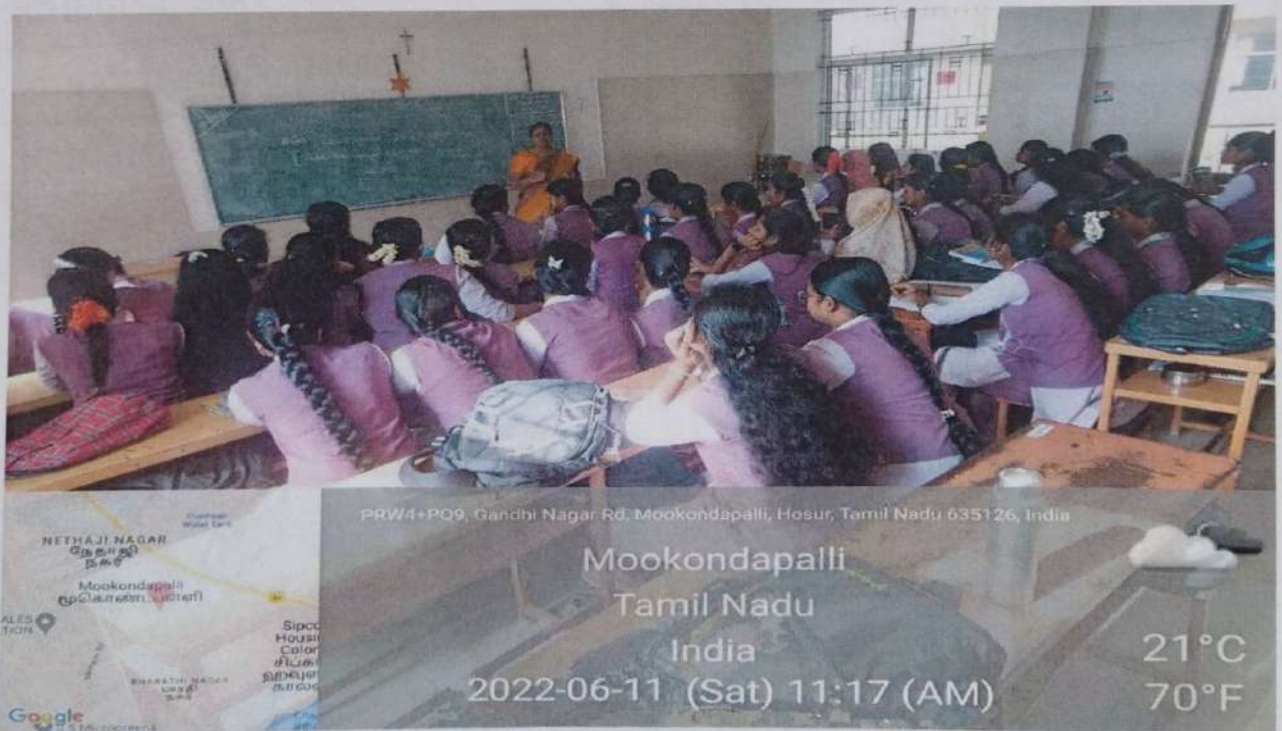
- 37

அறிக்கை

முனைவர்.பு.எழிலரசி, துறைத்தலைவர், உதவிப் பேராசிரியர்,  
தமிழ்த்துறை, அவர்கள் சமூக ஊடக பகுப்பாய்வில் தமிழ்மொழியின்  
பங்கு என்ன? எத்தகைய வரவேற்பினை மக்கள் மத்தியில்  
பெற்றிருக்கிறது என்பதைப் பற்றி இத்தலைப்பின் வாயிலாக  
மாணவிகளுக்கு எடுத்துரைத்தார்.



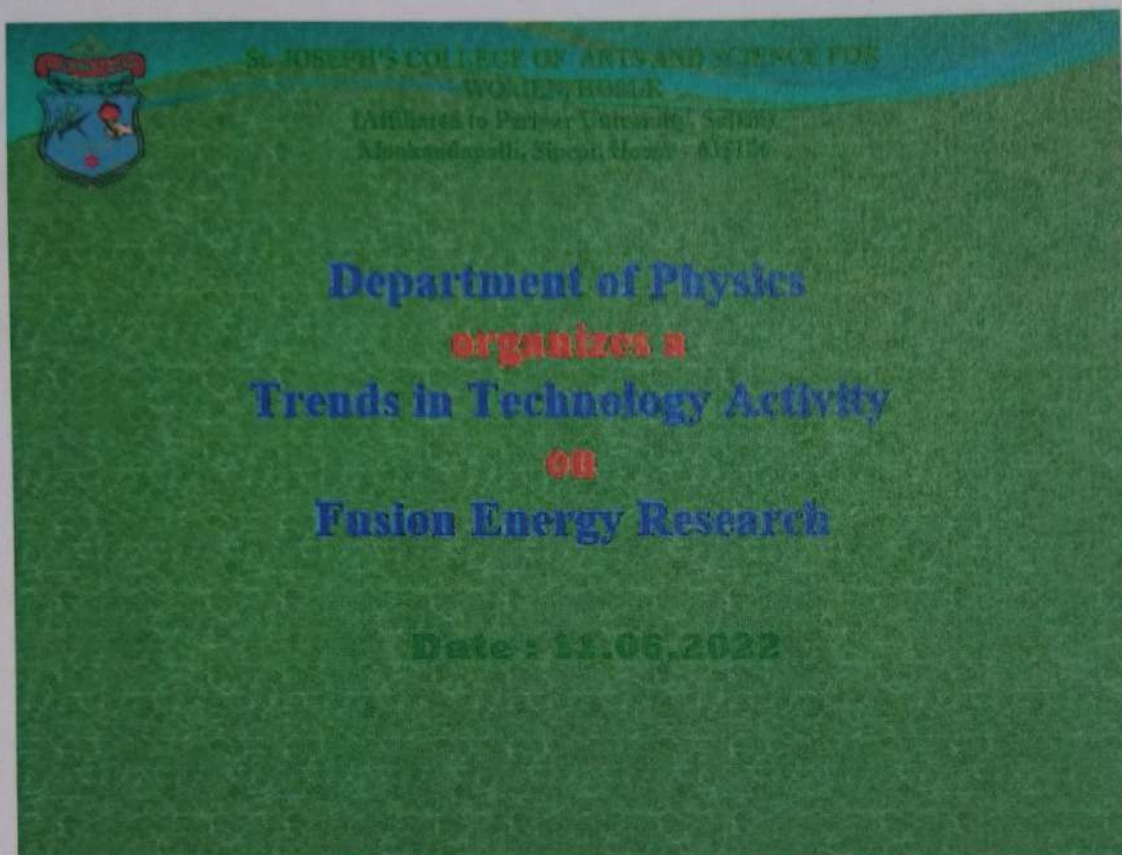
## புகைப்படங்கள்





# Report for Fusion Energy Research- Trends in Technology Activity (2021-2022)

Invitation:



Date : 11.06.22

Resource Person : T. SIVAPRIYA

Department of Physics,

St. Joseph's College of Arts and Science for Women,  
Hosur.

Class : III – B.Sc Physics

No of Beneficiaries : 30





### Report:

Mrs. T. Sivapriya, Assistant Professor in the Department of Physics, delivered an enlightening report on trends in technology, focusing on fusion energy research. Addressing third-year B.Sc Physics students, Mrs. Sivapriya highlighted the forefront of physics with an emphasis on fusion as a sustainable energy source. The report explored cutting-edge experiments and advancements in fusion research, shedding light on the potential of harnessing nuclear fusion for clean and abundant energy. Students gained insights into the challenges and breakthroughs in this field, understanding its pivotal role in shaping the future of energy production and contributing to a more sustainable world. Top of Form

### Photos:

